Attachment A

Washington 2022 Wildfire Mitigation Update November 3, 2022

Presenter: Allen Berreth, VP of T&D Operations







Pacific Power Rocky Mountain Power

Agenda

WILDFIRE SA

- $\checkmark\,$ Plan Development and Journey
- ✓ Wildfire Mitigation Plan Foundation & Elements
 - ✓ Baseline Risk Assessment
 - ✓ Strategic Programs & System Hardening
 - ✓ Dynamic Risk through Situational Awareness
 - ✓ Public Safety Power Shut-Off Protocols
 - ✓ Community Outreach & Education

		CIFIC POWER
	Staying safe during wildfire season As widfires become more frequent and intense throughout the West our for you and your community safe. Index rig you from this increasing thread, while with safe, relative power, is our highest prior by liveria where only and you can do to stay prepared.	zous is on seeong le presiding you
	What we're doing	
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Plan Development and Journey

• PacifiCorp's 2022 Wildfire Mitigation Plan (WMP) builds upon multiple years of experience, program development, and formal rulemaking and process across various states



2022 Fire Season Activity

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Fire Name	Acreage	Date of Origin	Service Area	County	Distance from Fire	Infrastructure Damage
Touchet North	2,153	6/28/2022	Walla Walla	Walla Walla	1.9 miles	No
Van Ausdle	843	7/29/2022	Walla Walla	Walla Walla	0.9 mile	No
Cow Canyon	5,832	8/3/2022	Yakima	Yakima	0 mile	No
Canyon Road	1,033	8/10/2022	Yakima	Yakima	0 mile	No
Medicine Valley	300	8/26/2022	Yakima	Yakima	0.1 mile	No

Key Changes in 2022

- Development of Meteorology Department
- ✓ Weather Station Network Buildout
- ✓ Increased Forecasting Capability
- ✓ Situational Awareness Tool Development

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Wildfire Protection Plan Foundation & Elements

Situationally aware of environmental risks

- Baseline risk modeling to inform strategic programs and investments
- Dynamic seasonal risk modeling to inform operational protocols
 - $\checkmark~$ Fire weather condition monitoring
 - ✓ Meteorology department & forecasting

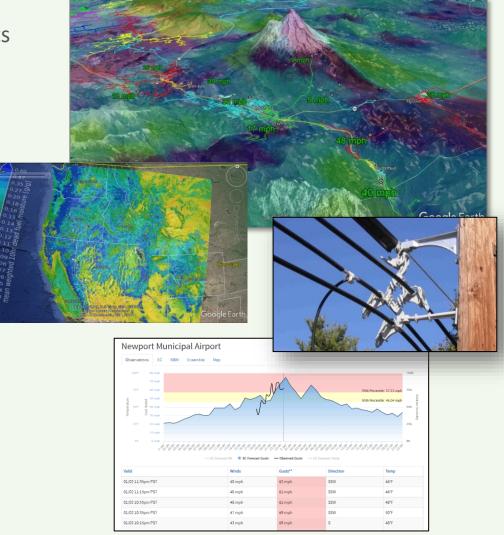
Resilient system to limit potential for ignition

- Enhanced inspection programs and accelerated correction of certain conditions
- Enhanced vegetation management practices
- Deployment of covered conductor / line rebuilds

Rapid response to fault events

- Deploy Enhanced Fire Risk (EFR) protection and control schemes
- Replace fuse locations with non-expulsion equipment
- Implement operational strategies during fire risk periods
- Install additional fault indicators

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Baseline Risk Mapping for Strategic Investment

General Stats

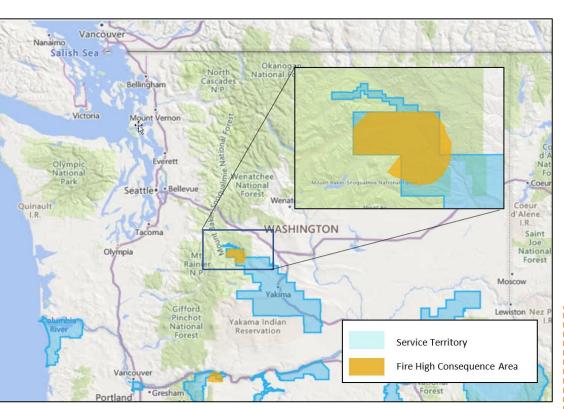
PacifiCorp provides electricity to approximately **140,000 Washington customers** via **49 substations**, **3,400 miles** of distribution lines, and about **600 miles** of transmission lines across nearly **2,700 square miles**

System Wide Initiatives

✓ Weather Stations
 ✓ Situational Awareness
 ✓ Operational Protocols
 ✓ Community Education and Outreach

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Washington Service Territory





Enhanced Vegetation

Management



Approximately **20 miles** or 1% of all **overhead lines** are located within the FHCA

20 miles of overhead distribution in the FHCA;

0 miles of overhead transmission in the FHCA

Programmatic Shifts	Prioritized System
✓ Increased Frequency of	Hardening
Asset Inspections ✓ Accelerated Condition Correction	✓ Line rebuilds✓ Covered Conductor

 Advanced Protection and Control

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Strategic Programs & Long-Term Investment

Asset Inspections

- ✓ Increased frequency of inspections in the FHCA
- Accelerated
 correction of Fire
 Threat Conditions

Vegetation Management

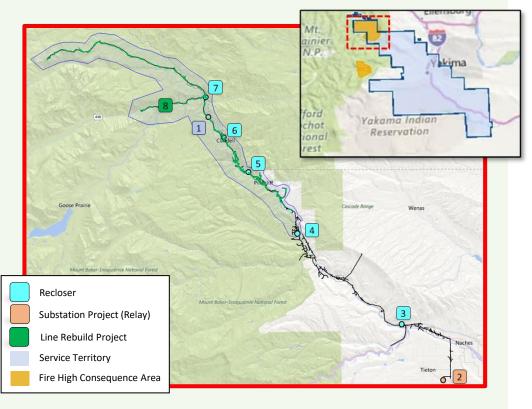
- ✓ Annual inspection in the FHCA
- Annual pole clearing of equipment poles

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System Hardening

- ✓ Multi-year investment
- ✓ Line Rebuild Program
- ✓ Advanced Protection and Control



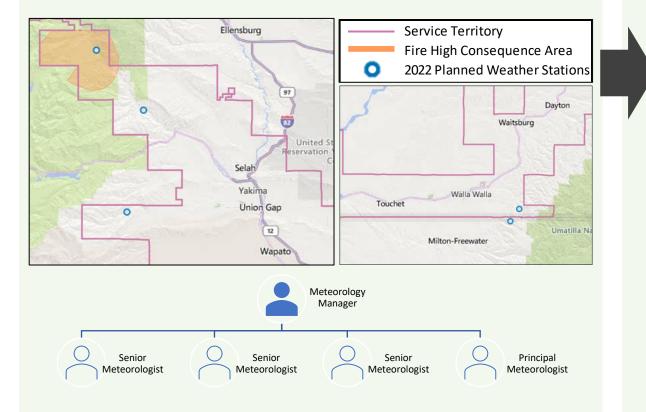


Dynamic Risk Assessment through Situational Awareness

Weather Station Network

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- 8 stations operational in Washington by EOY 2022
- Continued expansion for added granularity



Augmented Work Practices

- Acquire and maintain key equipment (water trucks and personal suppression equipment)
- Implement risk-based work practices and resource adjustments

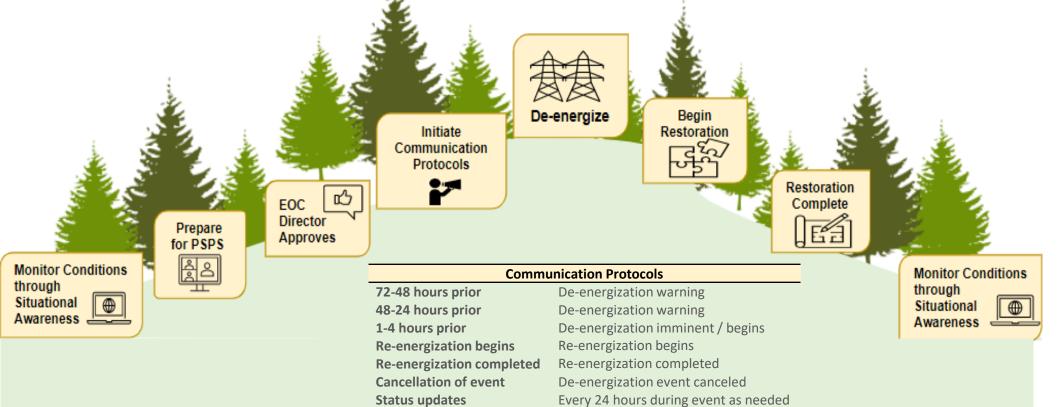
Enhanced Fire Risk (EFR) Protection and Control Settings

- Risk based deployment of alternate settings
 - Faster tripping
 - Increased open times
 - Reduced reclosing



PSPS Implementation Protocols

- Conditions are continuously monitored to assess risk
- Decision incorporates multiple factors:
 - ✓ Real Time Monitoring of Local Conditions
 - ✓ Weather Forecasting & Risk
 - ✓ Dynamic input from Public Safety Partners



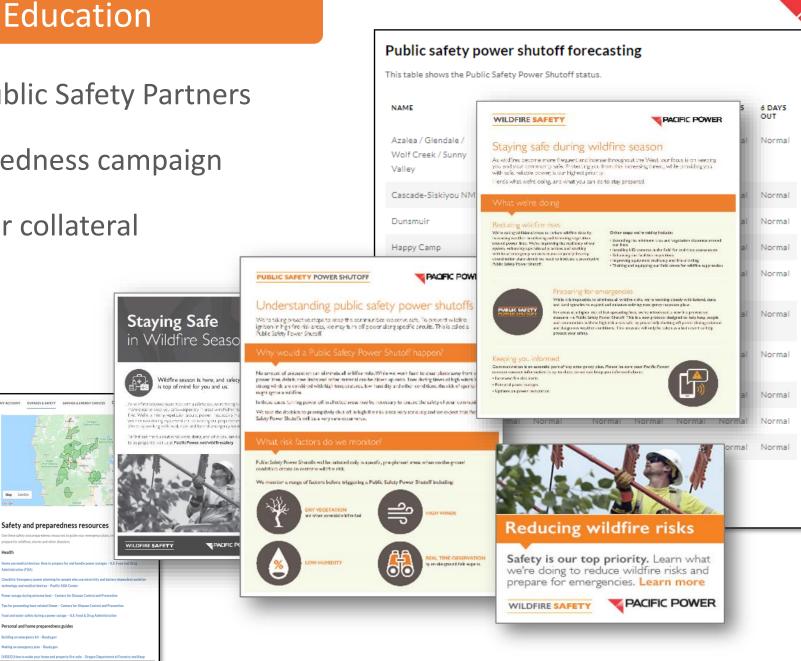
WILDFIRE **SAFETY**

Community Outreach and Education

- Tabletop exercises with Public Safety Partners ${}^{\bullet}$
- Wildfire safety and preparedness campaign

Mag Satelite

- Brochures, flyers and other collateral
- Customer service training
- Webpage
- Webinars



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Thank you



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